

Title (en)

BUILDING FRAME CONSTRUCTION

Publication

**EP 0321183 B1 19920311 (EN)**

Application

**EP 88311782 A 19881213**

Priority

AU PI593587 A 19871216

Abstract (en)

[origin: EP0321183A1] Building frame construction comprising upper and lower wall plates (11) and wall studs (12), each wall plate (11) having a cross-section of general channel shape defined by two side flanges (15) joined by a web (20), each flange having an inturned rib (21), the wall studs joining the upper and lower wall plates, each said wall stud also having a cross-section of general channel shape defined by two side flanges (15) joined by a web (20), the flanges of each stud having surfaces defining grooves (22) adjacent at least one end which inter-engage the inturned ribs (21) of a plate upon erection and thereby firmly retain that stud end to that plate, said studs and wall plates being of metal.

IPC 1-7

**E04B 1/24; E04B 1/58**

IPC 8 full level

**E04B 1/24** (2006.01); **E04B 1/58** (2006.01)

CPC (source: EP US)

**E04B 1/24** (2013.01 - EP US); **E04B 1/5818** (2013.01 - EP US); **E04B 2/7457** (2013.01 - EP); **E04B 2001/2409** (2013.01 - EP US);  
**E04B 2001/2415** (2013.01 - EP US); **E04B 2001/2448** (2013.01 - EP US); **E04B 2001/2457** (2013.01 - EP US);  
**E04B 2001/2481** (2013.01 - EP US); **Y10T 403/46** (2015.01 - EP US)

Cited by

DK201470705A1; US5566523A; FR2648844A1; AU2006201344B2; EP1731687A3; AU2005332657B2; US7594331B2; US8074416B2;  
WO2004094751A3; WO0138658A1; WO9955974A1; WO0071827A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0321183 A1 19890621; EP 0321183 B1 19920311;** CA 1307899 C 19920929; CN 1015560 B 19920219; CN 1037942 A 19891213;  
NZ 227316 A 19930127; US 4918899 A 19900424

DOCDB simple family (application)

**EP 88311782 A 19881213;** CA 586041 A 19881215; CN 88109235 A 19881215; NZ 22731688 A 19881214; US 28420888 A 19881214